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Patent No. 7,182,875
Request for Cert. of Correction dated May 1, 2007
Attorney Docket No. 5219-061234

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,182,875 Confirmation No. 5369
Inventors : Joseph et al.
Issued : February 27, 2007
Title : Microstructures and Methods
Of Fabrication Thereof
Examiner : Roberts P. Culbert
Customer No. : 28289



Certificate
MAY 08 2007
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Column 8, line 27, Claim 7, "polyesters" should read – polyethers –
(See the Amendment mailed 08/21/2006, page 4, Line 6 in Claim 23.
Claim 23 issued as Claim 7.)

Column 8, Line 33, Claim 7, "where sacrificial" should read – where all sacrificial –
(See the Amendment mailed 08/21/2006, page 4, Line 12 in Claim 23.
Claim 23 issued as Claim 7.)

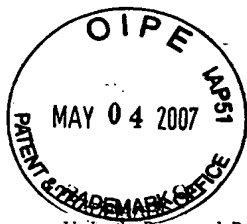
Respectfully submitted,

THE WEBB LAW FIRM

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MAY - 8 2007



PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/695,591	
	Filing Date	October 28, 2003	
	First Named Inventor	Paul Jayachandran Joseph	
	Art Unit	1763	
	Examiner Name	Roberts P. Culbert	
Total Number of Pages in This Submission	13	Attorney Docket Number	5219-061234

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	The Webb Law Firm		
Signature			
Printed Name	Paul M. Reznick		
Date	August 21, 2006	Reg. No.	33,059

CERTIFICATE OF TRANSMISSION / MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Anna Rosenstein	Date	August 21, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

MAY 1 - 8 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,182,875
APPLICATION NO. : 10/695,591
ISSUE DATE : February 27, 2007
INVENTORS : Joseph et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, line 27, Claim 7, "polyesters" should read – polyethers –

Column 8, Line 33, Claim 7, "where sacrificial" should read – where all sacrificial –

MAILING ADDRESS OF SENDER: The Webb Law Firm
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436 Seventh Avenue
Pittsburgh, PA 15219

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. :..... 10/695591 Confirmation No. 5369
Applicant : Joseph et al.
Filed : October 28, 2003
TC/A.U. : 1763
Examiner : Roberts P Culbert
Docket No. : 5219-061234
Customer No. : 28289

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

Responsive to the Office Action mailed April 19, 2006, Applicant respectfully requests reconsideration of the above-referenced application in view of the amendments and remarks that follow.

Amendments to the Claims : Page 2
Remarks/Arguments : Page 7

MAY - 8 2007

(2)

Claim 19. (Currently Amended) The method of claim 18, wherein the ~~step of removing the sacrificial polymer comprises removing the sacrificial layer to define material creates~~ an air-region within each of the at least first and second distinct portions the overcoat layer, the framing material engaging at least a portion of the air region on an inside surface of the framing material and engaging the overcoat layer on an outside surface of the framing material.

Claim 20 (Canceled)

(3)

Claim 21. (Currently Amended) The method of claim 18, wherein the said framing material layer is selected from SiO_2 , Si_3N_4 , SiO_xN_y (where x is from 0.01 to 2 and y is from 0.01 to 1.33), and Al_2O_3 .

(4)

Claim 22. (Currently Amended) The method of claim 18, wherein the sacrificial polymer material is selected from ~~polyimides, polynorbornenes, epoxides, polyarylenes ethers, polyarylenes, inorganic glasses~~ polynorbornenes, polycarbonates, polyethers, polyesters, functionalized compounds of each, and combinations thereof.

(7)

Claim 23. (Currently Amended) A method for fabricating a microstructure, comprising:

providing a structure comprising

a substrate,

an overcoat layer, ~~wherein the overcoat layer is~~
comprising a material selected from polynorbornenes, epoxides,

~~polyarylenes~~ polyarylene ethers, parylenes, and combinations thereof,

5 a plurality of sacrificial polymer layer portions disposed
~~in an area~~ within the overcoat layer, each of such portions
comprising a sacrificial polymer material selected from
polycarbonates, ~~polyethers~~, polyesters, functionalized compounds
of each, and combinations thereof, ~~and~~

10 a framing material layer disposed over each sacrificial
polymer portion and engaging one or more sides of each sacrificial
polymer portion on the inside of the framing material layer and
engaging the overcoat layer on the outside of the framing material
layer where covering all sacrificial polymer portions of the sacrificial
~~polymer layer a framing material that would otherwise contact the~~
overcoat layer are engaged; and

15 removing the sacrificial polymer ~~layer~~ material from each of the
sacrificial polymer portions via thermal decomposition to form an air-
~~region within the area defined by the sacrificial material therein, such that~~
the inside of said framing material layer engages each air-region and the
outside of said framing material layer engages the overcoat layer.

8 Claim 24. (Currently Amended) The method of claim 23, wherein the
sacrificial ~~layer~~ polymer material is solvent-incompatible with the material
of the overcoat layer.